

The following claims are presented for examination:

What is claimed is:

1. (currently amended) A device for supplying uninterruptible power, said device comprising:

input connections ~~{90, 91}~~ for connection to a primary DC voltage supply device **[[(230)]]**;

standby-power connections ~~{190, 191}~~ for connecting a standby power source **[[(60)]]**;

first-output connections ~~{100, 101}~~ for connecting a load **[[(220)]]**;

a device **[[(20)]]** for decoupling the input connections ~~{90, 91}~~ from the first-output connections ~~{100, 101}~~ in the event of a fault in the primary DC voltage supply device **[[(230)]]**;

a first controllable switching device **[[(40)]]** for connecting the standby power source **[[(60)]]** to the first-output connections ~~{100, 101}~~ in a controlled manner in the event of a fault in the primary DC voltage supply device; and

a control ~~device (31) which~~ **and monitoring device having a control part that** is assigned to the first controllable switching device **[[(40)]]**;

characterized in that

the device for decoupling comprises a diode that has i) an anode connection that is directly electrically connected to one of the input connections and ii) a cathode connection that is directly electrically connected to one of the first-output connections,

the first controllable switching device **[[(40)]]** has a first power transistor ~~{41, 42}~~ having a gate, a drain and a source terminal,

~~a monitoring device (30) is~~ **the control and monitoring device i) also has a monitoring part that is** provided for monitoring the output current flowing through the first power ~~transistor (41, 42) and transistor, and ii)~~ **is directly electrically connected to the** ~~drain and source terminals~~ **source terminal** of the first power transistor, and

the control ~~device (31) part~~ **is** directly electrically connected to the gate terminal of the first power transistor and is designed to pulse-width-modulate the first power transistor ~~{41, 42}~~ on the basis of the current being monitored in order to limit the current which can be provided by the standby power source **[[(60)]]**.

2. (currently amended) The device for supplying uninterruptible power as claimed in claim 1, characterized in that the standby power source **[(60)]** is rechargeable.

3. (currently amended) The device for supplying uninterruptible power as claimed in claim 2, characterized in that a device **[(70)]** for blocking a current, which is provided by the primary DC voltage supply device **[(230)]**, to the standby power source **[(60)]** is provided in series with the first power transistor ~~(41, 42)~~.

4. (currently amended) The device for supplying uninterruptible power as claimed in claim 2, characterized by a smoothing capacitor **[(80)]** which is connected between the first-output connections ~~(100, 101)~~.

5. (currently amended) The device for supplying uninterruptible power as claimed in claim 2, characterized in that a charging device **[(50)]** which can be controlled by the ~~control device (31)~~ **control part** is connected between the standby power source **[(60)]** and the input connections ~~(90, 91)~~.

6. (currently amended) The device for supplying uninterruptible power as claimed in claim 1, characterized in that a parallel circuit comprising ~~[(a)]~~ **the** diode **[(21)]** and a second controllable switching device **[(22)]** forms the device **[(20)]** for decoupling, in that the monitoring ~~device (30) is~~ **part is also** designed to monitor an input voltage, and in that the control ~~device (31) disconnects~~ **part is designed to disconnect** the second controllable switching device **[(22)]** when the input voltage being monitored signals a fault in the primary DC voltage supply device **[(230)]**.

7. (currently amended) The device for supplying uninterruptible power as claimed in claim 6, characterized in that the second controllable switching device **[(22)]** is a second power transistor.

8. (currently amended) The device for supplying uninterruptible power as claimed in claim 6, characterized by a current-limited supply output **[(130)]** which is connected in parallel with the first-output connections ~~(100, 101)~~.

9. (currently amended) The device for supplying uninterruptible power as claimed in claim 8, characterized by a third controllable switching device **[(120)]** for connecting and disconnecting a state signaling device ~~(200, 210)~~ which can be connected to a second ~~output connection (160, 170)~~ that is assigned to the third controllable switching device **[(120)]**, a connection contact **[(140)]** that is assigned to the third controllable switching device **[(120)]** being arranged at a predetermined distance from the current-limited supply output **[(130)]**.

10. (currently amended) The device for supplying uninterruptible power as claimed in claim 9, characterized by a predefined contact bridge **[(150)]** for short-circuiting the current-limited supply output **[(130)]** and the connection contact **[(140)]**.

11. (currently amended) The device for supplying uninterruptible power as claimed in claim 9, characterized in that the third controllable switching device **[(120)]** is a relay.

12. (currently amended) A device for supplying uninterruptible power, said device comprising:

input connections ~~(90, 91)~~ for connection to a primary DC voltage supply device **[(230)]**;

standby-power connections ~~(190, 191)~~ for connecting a standby power source **[(60)]**;

output connections ~~(100, 101)~~ for connecting a load **[(220)]**;

a device **[(20)]** for decoupling the input connections ~~(90, 91)~~ from the output connections ~~(100, 101)~~ in the event of a fault in the primary DC voltage supply device **[(230)]**;

a first controllable switching device **[(40)]** for connecting the standby power source **[(60)]** to the output connections ~~(100, 101)~~ in a controlled manner in the event of a fault in the primary DC voltage supply device; device (230); and

a second controllable switching device; and

a control device ~~(31) which is~~ assigned to **[(a)]** the second controllable switching device **[(22)]**;

characterized in that

a parallel circuit comprising a diode **[(21)]** and the second controllable switching device **[(22)]** forms the device **[(20)]** for decoupling,

the diode has an anode connection that is directly electrically connected to one of the input connections and a cathode connection that is directly electrically connected to one of the output connections,

the second controllable switching device is a power transistor having a gate, a drain, and a source terminal,

a monitoring device **[(30)]** is provided for monitoring an input voltage and is directly electrically connected to the ~~drain and source terminals~~ **source terminal** of the power transistor, and

the control device **[(31)]** is directly electrically connected to the gate terminal of the power transistor and is designed to disconnect the second controllable switching device **[(22)]** when the input voltage being monitored signals a fault in the primary DC voltage supply device **[(230)]**.

13. (canceled)

14. (currently amended) A device for supplying uninterruptible power, said device comprising:

input connections ~~(90, 91)~~ for connection to a primary DC voltage supply device **[(230)]**;

standby-power connections ~~(190, 191)~~ for connecting a standby power source **[(60)]**;

first-output connections ~~(100, 101)~~ for connecting a load **[(220)]**;

a device **[(20)]** for decoupling the input connections ~~(90, 91)~~ from the **first-** output connections ~~(100, 101)~~ in the event of a fault in the primary DC voltage supply ~~device-(230)~~ **device, wherein the device for decoupling comprises a diode that has i) an anode connection that is directly electrically connected to one of the input connections and ii) a cathode connection that is directly electrically connected to one of the first-output connections;**

a first controllable switching device **[(40)]** for connecting the standby power source **[(60)]** to the **first-** output connections ~~(100, 101)~~ in a controlled manner in the event of a fault in the primary DC voltage supply device **[(230)]**, the first controllable switching device comprising a power transistor;

a control device **[(31)]** which is assigned to the first controllable switching device **[(40)]**, the control device being directly electrically connected to the gate terminal of the power transistor; and

a supply output which is connected in parallel with the first-output connections ~~(100, 101)~~ and whose current is limited by a current limiter **[(110)]** resulting in a current-limited supply output **[(130)]**.

15. (currently amended) The device for supplying uninterruptible power as claimed in claim 14, characterized by a second controllable switching device **[(120)]** for connecting and disconnecting a state signaling device ~~(200, 210)~~ which can be connected to a second-output connection ~~(160, 170)~~ that is assigned to the second controllable switching device ~~(120, 122)~~, a connection contact **[(140)]** that is assigned to the second controllable switching device ~~(120, 122)~~ being arranged at a predetermined distance from the current-limited supply output **[(130)]**.

16. (currently amended) The device for supplying uninterruptible power as claimed in claim 15, characterized by a predefined contact bridge **[(150)]** for short-circuiting the current-limited supply output **[(130)]** and the connection contact **[(140)]**.

17. (currently amended) The device for supplying uninterruptible power as claimed in claim 15, characterized in that the second controllable switching device **[(120)]** is a relay.

18. (currently amended) The device for supplying uninterruptible power as claimed in claim 17, characterized in that the second controllable switching device **[(120)]** is a changeover relay.